TOROK, L.

Irrigation from deep wells in India. p.294.

VIZUGYI KOZLEMENYEK. HYDRAULIC ENGINEERING. Budapest, Hungary. No. 2, 1959.

Monthly List of Fast European Accessions (HEAI), LC. Vol. E, No. 9, September 1959 Uncl.

二、以高于人的研究和研究的自然的特殊的最高的自然的的数据。**从1970年的**多用的大型数据

TOROK. L.

"Experimental contributions to the regenerative capacity of <u>Dugesia</u> (-<u>Euplenaria</u>) <u>lugubris</u> O. Schm." In English. p. 79.

ACTA BIOLOGICA. (Magyar Tudomanyos Akademia). Budapest, Hungary, Vol. 9, No. 1, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959. Uncla.

The state of the present in the Editories and The State of the State o

TOROK, L.

"Section sessions." p. 75.

BIOLOGIAT KOZLEMENYEK. (Magyar Biologiai Tarsasag. Altalanos Biologiai Szakosztaly). Budapest, Hungary, Vol. 6, No. 1, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, Mo. 8, August 1959. Uncla.

IAJOS, Torok, dr.

Aspirated foreign body maintaining chronic pneumonia for years.
Orv. hetil. 98 no.17:447-449 28 Apr 1957.

1. A IV. ker. Fovarosi Kozkorhaz Tudoosztalyanak (foorvos: Devenyi Rudolf dr. korhazigasgato) kozlemenye.

(PHSUMONIA, etiol. & pathogen.

aspirated bone piece causing chronic pneumonia (Hun))

(FOREIGN BODISS

bone piece aspiration causing chronic pneumonia (Hun))

TOROK, Lajos, dr.

Hffect of largactil on experimental tuberculosis in guinea pigs. Tuberkulozis 12 no.12:282-284 D '59.

1. A IV. ker. Fovarosi Korhaz (igazgato foorvos: Devenyi Rudolf dr.) kozlemenye.

(CHLORFROMAZINE pharmacol)

(TUBERCULOSIS exper)

TOROK, Laszlo

Data on the colorimetric determination of phosphate ion by molybdenum blue, reduced with ascrobic acid. Magy kem lap 17 no.3:137-139 Mr '62.

1. Helyiipari Kutato Intezet

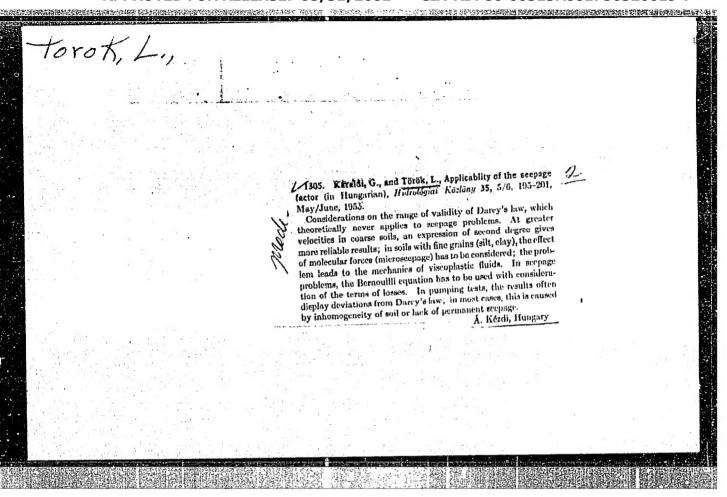
APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

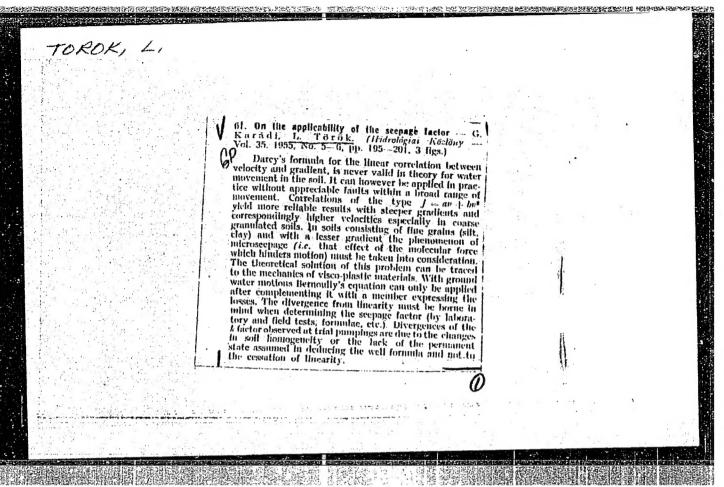
BUKOVINSZKY, Laszlo, dr.; TOROK, Laszlo, dr.

Effect of sevenal on the estrus cycle of rodents. Magy.noorv. lap. 17 no.5:292-295 Sept 54.

1. A szegedi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati klinikajanak kozlemenye (Igazgato: Batizfalvy Janos dr. egyetemi tanar)

(ESTRUS CYCLE, effect of drugs on phenobarbital on rodents (Hun) (BARBITURATES, effects phenobarbital on estrus cycle in rodents (Hun)





TOROK, L.

Progress report on studies of the design of stalle channels by the nurses of TIZUGYI KOZLZENYEK. HYDRAULIC PROCEMDINGE, Budapost, Vol. (36) no. 3, 1954. Reclamation. p. 361.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

CIA-RDP86-00513R001756320019-7" APPROVED FOR RELEASE: 08/31/2001

TOROK, L.

6th Balaton Conference of the Hungarian Hydrological Society. p. 247. (HIDROLOGIAI KOZLONY, HYDROLOGICAL JOURNAL Vol. 36, no. 4, Aug. 1956. Budapest)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 6, June 1957. Uncl.

TORCK, LASZLO

HUNGARY/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19606

Author : Laszlo Torok.

Inst :

Title

Carbon Determination in Soils and Fertilizers by

Measuring Conductivity.

Orig Pub: Agrokem, Es. Talaj., 1956, 5, No 2, 257 - 266.

Abstract: The organic matter of the soil or fertilizer is

oxidized with Van-Slyak reagent, the produced CO2 is absorbed by Ba(OH) solution and the electrical conductivity of the latter is measured. A calibrating curve is plotted using KHCO3. The duration of a determination is 1 hour. This method is ap-

plicable also to pure organic substances.

Card 1/1

- 86 -

TO CATE OF THE PROPERTY OF THE

TOROK, Tibor, prof., dr. (Budapest, VIII., Muzeum korut 4/b);
ZIMMER, Karoly, dr. (Budapest, VIII., Muzeum korut 4/b)

Newer results in the application of 1-transformation. Acta chimica Hung 41 no.1/2:97-104 '64.

1. Institut fur Anorganische und Analytische Chemie der Lorand Eotvos Universitat Budapest.

TOROK, Tibor, prof., dr. (Budapest, VIII., Muzeum korut 4/b);
BAJAKI, Laszlo (Budapest, VIII., Muzeum korut 4/b)

Problems of the qualitative evaluation of emmission spectrograms. Acta chimica Hung 41 no.1/2:143-154 164.

1. Institut fur Anorganische und Analytische Chemie der Lorand Eotvos Universitat, Budapest, und Forschungslaboratorium fur Automatisierung der Ungarischen Akademie der Wissenschaften, Budapest.

TOROK, Tibor, prof., dr. (Budapest, VIII., Muzeum korut 4/b)

Data on the correspondence of theoretical and practical correlations of 1-transformation. Acta chimica Hung 41 no.1/2:155-160 '64.

1. Institut fur Anorganische und Analytische Chemie der Lorand Eotvos Universitat, Budapest.

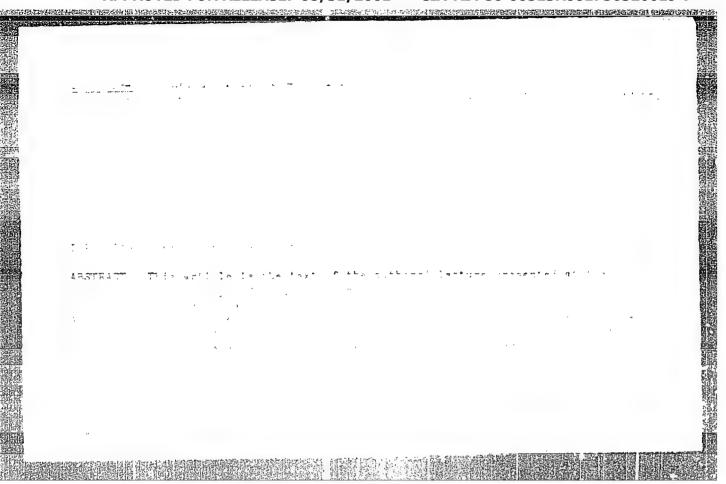
TORCK, Tibor, a kemiai tudomanyok doktora

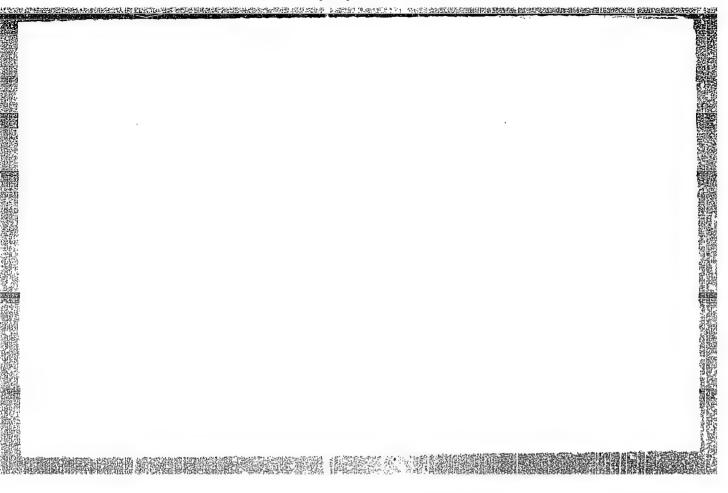
Report on the 10-year activity of the Conmittee on Spectrum Analysis, Material Testing Division of the Scientific Association of the Machine Industry. Kem tud kozl MTA 21 no. 1:124-127 164.

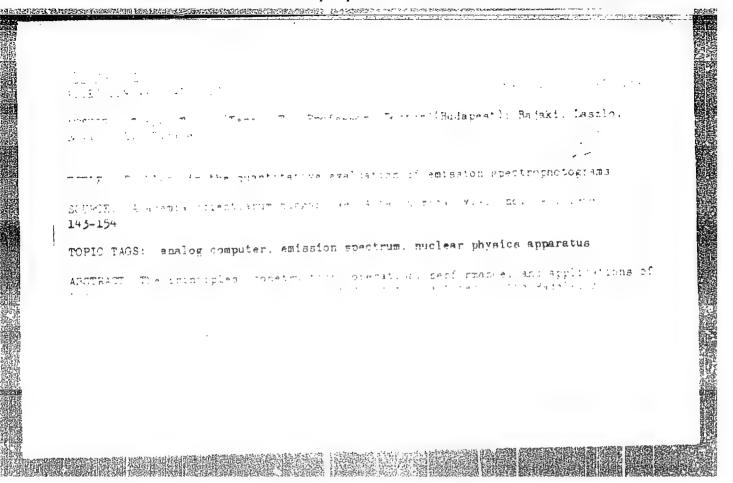
1. Chair of Inorganic and Analytic Chemistry, Lorand Rotvos University, Budapest.

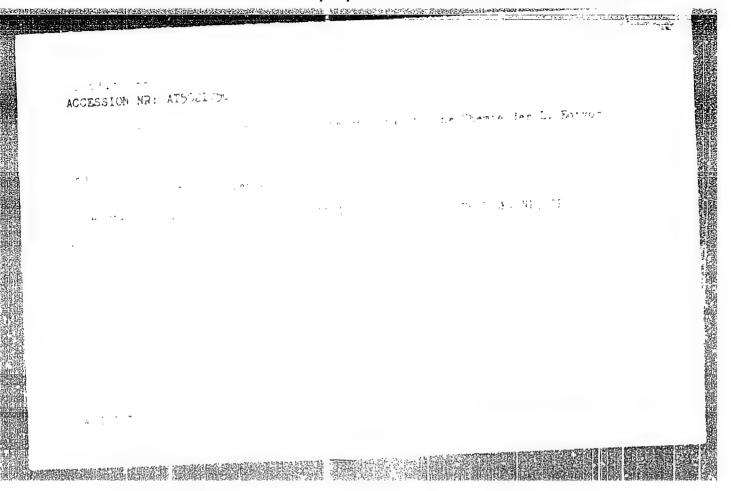
TOROK, Tibor, dr.

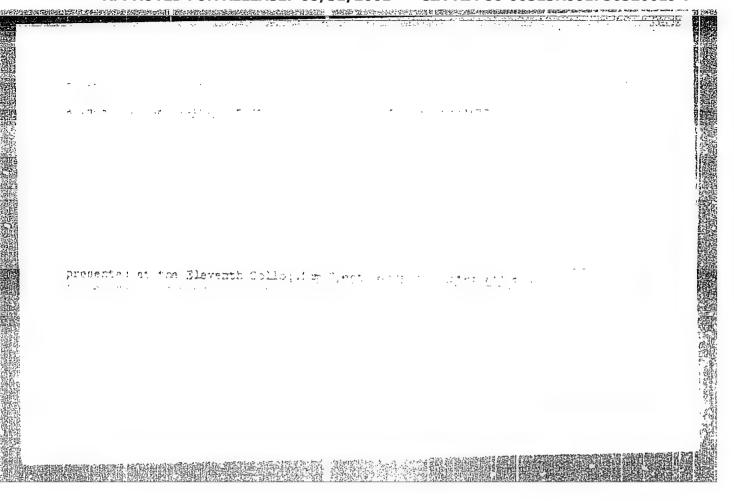
Report on the 10 years' activity of the Technical Committee on Spectrum Analysis, Department of Material Testing, Scientific Association of the Machine Industry. Gep 16 no.5:199-200 My'64.

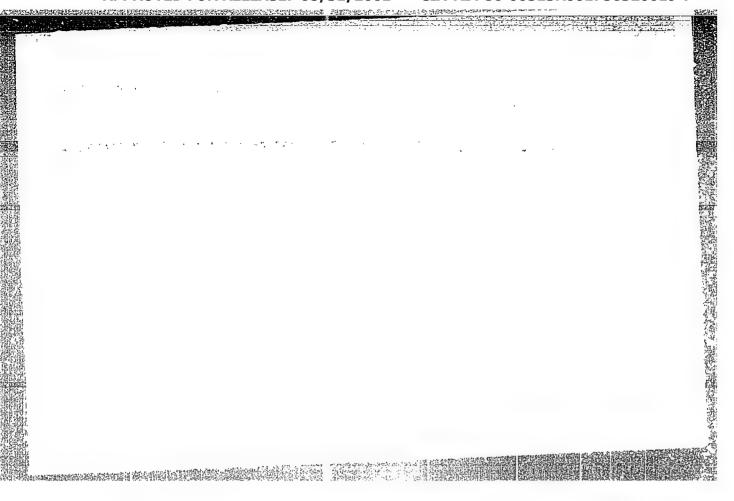










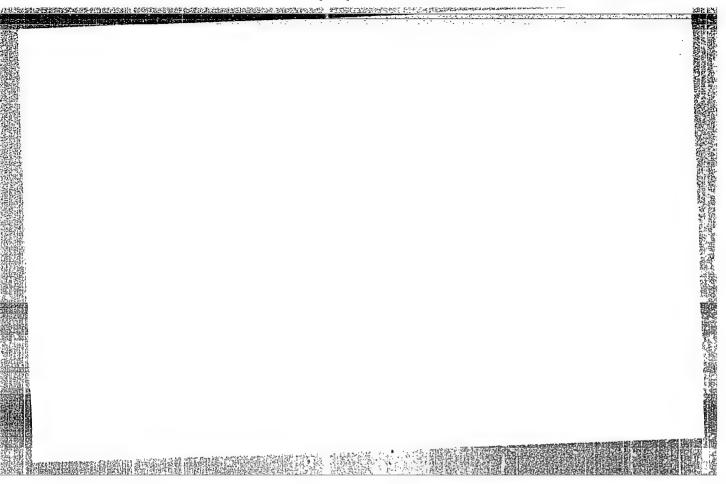


TOROK, Tibor

Correspondence of the theoretical and practical basic equation of the 1-transformation. Magy kem folyoir 70 no. 6:278-280 Je 164.

1. Chair of Inorganic and Analytic Chemistry, Lorand Ectvos University, Budapest.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"



TOROK, L.

Investigation of erosion occurring around hydraulic structures. p.357. (Hidrologiai Kozlony, Vol. 36, No. 5, Oct. 1956, Eudapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

A CONTROL OF THE PROPERTY OF T

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TOROK, L.

TOROK, L. Experimenting with models in application of centrifigel acceleration. p. 370.

Vol. 5, No. 8, Aug. 1955. MELYEPITESTUCCMANYI SHE'LE. TECHNOLOGY Fudapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

建筑和城市的建筑。2.11年间的民间的现在分词是是国际的政治的政治的证明,这个工作,这个工作,这个工作,是是国际的政治的政治的政治的政治,是国际政治的政治的政治的政治的政治的政治的政治的政治的政治

TOROK, L.

TORCK, L. - Computing ice pressure on structures. p. 333, Vol (37) no. 3/4, 1955 VIZUGYI KOZLEFENYEK. HYDRAULIC ENGINEERING. (Kozlekdesugyi Miniszterium. Vizgazdalkodasi Tudomanyos Kutato Intezet) Budapest.

SCURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

TOROK, L.

TOROK, L. - AUDIO SK 102, a film projector for regular-sized films; presenting an apparatus. p. 102.
Vol. 2, no. 4, Aug. 1956.
Kep es Hangtechnika. - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

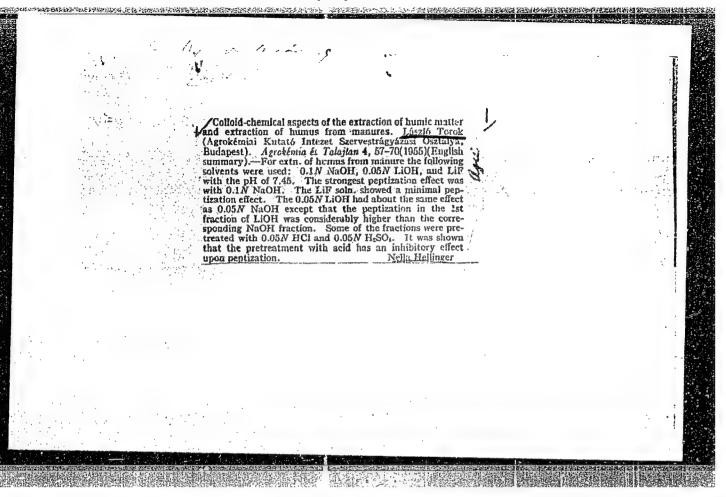
TOROK, Laszlo; CSONKARETI, Karolyne

Carbon content determination in composts by dichromatic method based upon the measurement of oxygen consumption. Agrokem talajtan 12 no.41631-642 D 163.

1. Local Industry Research Institute, Ministry of the Light Industry, Budapest.

"APPROVED FOR RELEASE: 08/31/2001 CI

CIA-RDP86-00513R001756320019-7



TOROK, L.

"Manipulating lock gates" p. 182, (VIZUGYI KOZLEMENYEK. HYDRAULIC PROCEEDINGS, No.1, 1953, Budapest, Hungary)

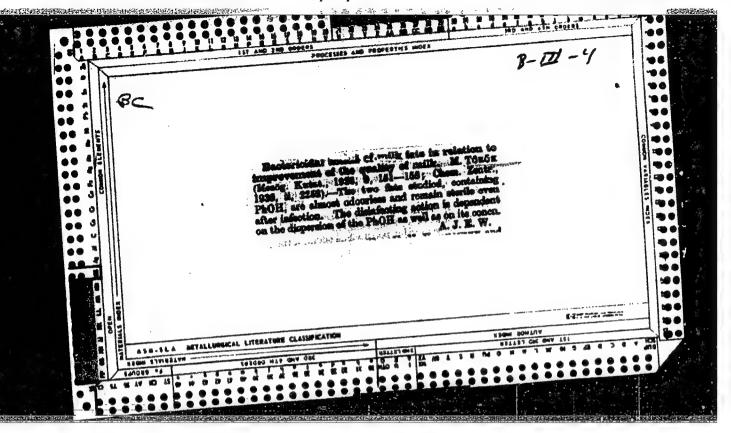
SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

Division news. Biol kozl 8 no.2:203-212 '60.

l. "Biologiai Kozlemenyek" szerkeszto bizottsagi tagja.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

Modification of resistance of erythrocytes following gynecological surgery. Magy. noorv. lap. 17 no.4:237-241 July 54. 1. A szegedi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikajanak kozlemenye (Igazgato: Batizfalvy Janos dr. egyetemi tanar) (GENITALIA, FEMALE, surgery. postop. erythrocyte resist., variations) (ERYTHROCITES, resist. after gyn. surg.)



AND PROPERTY OF THE PROPERTY O

KISS, Lorant, okleveles gepeszmernok; CSERNAVOLGYI, Laszlo; HAJDU, Istvan; HENKOVICS, Jozsef; TXRNYAK, Beno; SOSKUTI, Andras; TCROK, Mihaly, dr.; SZASZ Frigyes; GATI, Geza; KOVACS, Lajos; DEHENES, Zoltan; MACTION Laszlo; KOVACS, Gyula; AUERSWALD, Janos; BOS, Janos; DIOSZEGHY, Daniel, prof.

Manufacture and use of gas appliances. Energia es atom 17 no.1: 30-35 Ja*64.

1. Lampagyar (for Kiss). 2. Vegyterv (for Csernavolgyi). 3. Orszagos Koolaj- es Gazipari Troszt (for Hajdu, Szasz, Auerswald). 4. Pecsi Gazszolgaltato Vallalat (for Benkovics). 5. Asvanyolaj-forgalmi Vallalat (for Ternyak, Soskuti). 6. Epitesugyi Miniszeterium Iparterv Musze'ci Osztaly (for Torok). 7. Orszagos Villamosenergia Felugyelet (for Gati). 8. Epitesugyi Miniszterium (for Lajos Kovacs). 9. Gazkeszulekgyarto Vallalat (for Dehenes). 10. Epitestudomayi Intezet (for Gyula Kovacs).

TOROK, Mihaly

Ideological education in the hostels for mailmen. Munka 13 no.8: 25 Ag \$63.

l. Postas Szakszervezet kulturalis osztalyanak megbizott vezetoje.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

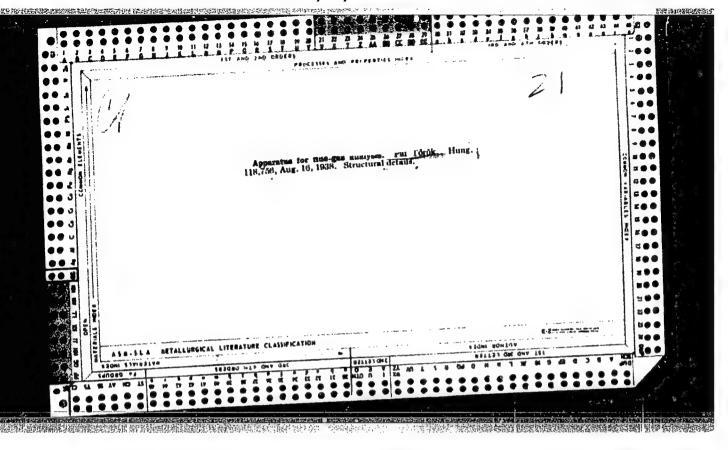
BAN, Miklos; GASPAR, Gyorgy; SZABO, Jozsef; TOROK, Miklos

Electron structure of aromatic compounds. Pt.1. Magy fiz folyoir 11 no.2:89-100 '63.

1. Altalanos es Fizikai-Kemiai Intezet, Egyetem, Szeged.

Immunological competence of newborn and adult rat thymic and spleen after explanation in tissue culture. Acta biol. acad. sci. Hung. 16 no.2:161-168 '65.

1. Institute of Histology and Embryology, Medical University, Budepest (Head: I. Toro) Biometrical Division, Mathematical Research Institute of the Hungarian Academy of Sciences (Head: I. Juvanez). Submitted April 8, 1965.



Malignant melanoma metastasizing to the central nervous system.

Ideg. szemle 12 no.5:136-147 May 59.

1. A Debreceni Orvostudomanyi Egyetem Idag-Elmeklinikajanak
(igazgato: dr. Juhasz Pal egyetemi tanar) kozlemenye.

(MELANOMA, case reports

malignant, metastatic to CNS (Rus))

(CENTRAL NERVOUS SISTEM, heoplasms

metastatic from malignant melanoma (Rus))

HULLAY, Jozsef; FARAGO, Lajos; TOROK, Pal

Data on memory functions based on electric cortical stimulations in temporal epilepsy. Ideg. szemle 11 no.1-2:15-17 Feb-Apr 58.

(MEMORY,

funct. of memory cortex studies by electric cortical stimulations in temporal epilepsy (Hun))

(CERMERAL CORTEX, physical.

memory cortex funct. studied by electric cortical stimulations in temporal epilepsy (Hun))

JUHASZ, Pal, dr.; ZSADANYI, Otto, dr.; TOROK, Pal, dr.; HUSZ, Sandor, dr.; PERTORINI, Rezso, dr.

Village population morbidity in 1961. Orv. hetil. 105 no.37:1742-1746 13 S '64.

1. Debreceni Orvostudomanyi Egyetem, Ideg- es Elmeklinika (igazgato: Juhasz Pal dr.).

TOROK, P. Two interesting Rotatori e in the tap water of Budgeest.
In German. p. 300

Vol. 2. no. 1/3 1956
Acta Zoologica
SCIENCE
Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, March 1957

TYROK, P.

Biological investigations on waterworks supplied by epring waters. in English. p. 7, (ACTA SIGLICGICA, Endapest, Hungary). Vol 5, No ½, 1954.

SO: Monthly List of East European Accessions, (REAL), LC, Vol 4, No. 5, May 1955, Uncl.

KAJTOR, Ferenc; FARAGO, Iajos; TOROK, Pal

Effect of peripheral sensory stimulation on the convulsive activity of the hippocampus in evipan anesthesia. Ideg szemle 10 no.5-6:171-180 Oct-Dec 57.

1. A Debreceni Orvostudomanyi Egyetem Ideg-elmeklinikajanak kozlemenye. (HIPPOCAMPUS, in various dis.

epilepsy, temporal, KEG of hippocampal responses to sensory stimulation of peripheral nerves in hexobarbital anesth. (Hun))

V TO STOCK THE PROPERTY OF STATE OF STA

(EPILEPSY, physiol.

TEG of hippocampal responses to sensory stimulation of peripheral nerves in hexobarbital anesth. in temporal epilepsy (Hun))

(ELECTROENCEPHALOGRAPHY, in various dis.

epilepsy, temporal, EEG of hippocampal responses to
sensory stimulation of peripheral nerves in hexobarbital
anesth. (Hun))

(NERVES, PERIPHERAL, in various dis. same)

TOROK Piroska

Microorganisms from the Hungarian water-supply lines. Acta microb.
hung. 1 no.2-3:223-241 1954.

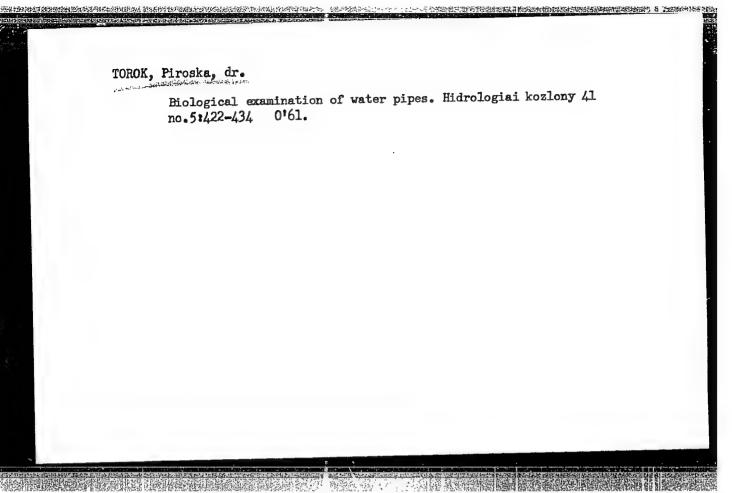
1. Staatliches Institut fur Volksgesundheitswesen, Budapest;
eingegangen am 10. August 1953.
(WATER SUPPLY, bacteriol.
*Hungary)

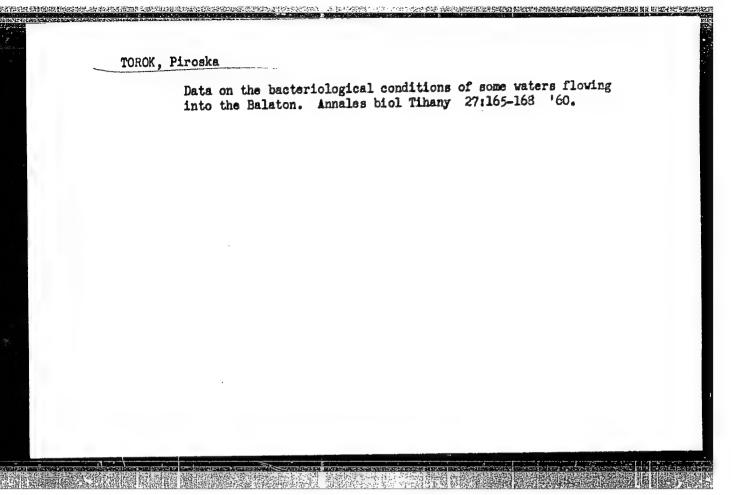
BANK, Istvan; MOLYAR, Endre; TOROK, Piroska, dr.; RAKSANYI, Arpad, dr.; OFCEZIARE, Istvan; FINALY, Iajos; NAGY L. Denes; SZABO, Zoltan, dr.

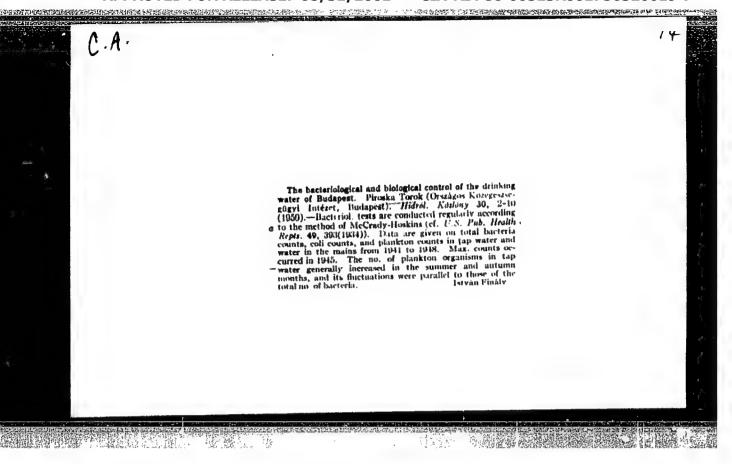
Possibilities for the agricultural utilization of sewage waters in Hungary. Hidrologiai kozlony 36 no.1:69-76 F'56.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Szabo).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"







TOTH, Lajos (Debrecen); TOROK, Sandor (Debrecen)

Determination of gravitational acceleration by spring scale at special teaching courses. Fiz szemle 11 no.7:223-224 J1 '61.

HEREN, sandith

HUNGARY/Nuclear Physics - Installations and Instruments. Methods C-2

Abs Jour: Ref Zhur - Fizika, No 7, 1958, No 14983

Author

: Bujdoso Erno, Medveczky Laszlo, Torok Sandor

Inst

: Not Given

Title

: Nonograms for Measurement of Energy of Neutrons in Photo-

enulsion.

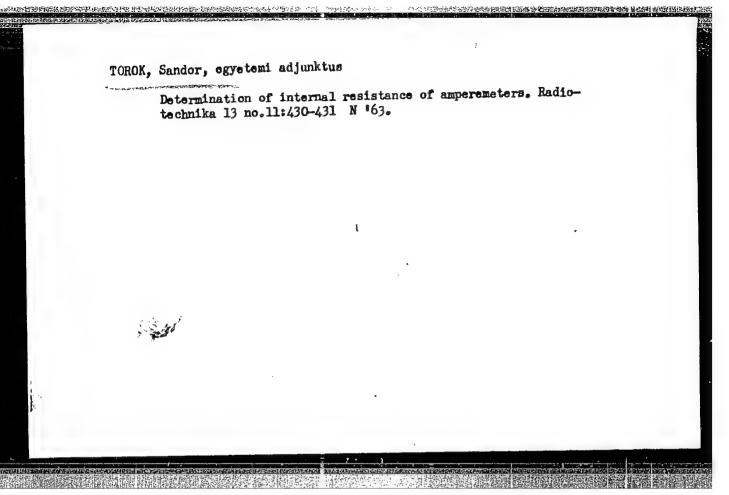
Orig Pub: Magyar fiz. folyoirat, 1957, 5, No 3, 229-239

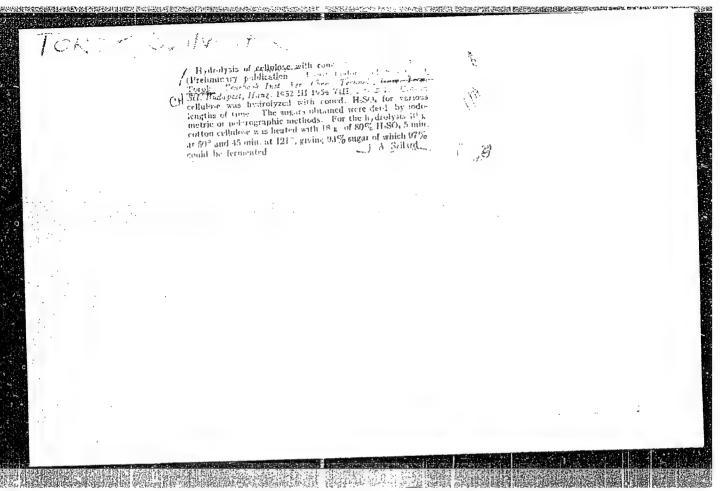
Abstract : Description of nomograms with which it is possible to deter-

mine the energy of the neutron in photoenulsion in the energy

interval from 0.5 to 14 Mev with an accuracy of 1 to 3%.

Card : 1/1





KUTZ, Vaszili, dr.; TOROK, Szilveszter, dr.

Manufacturing problems of gelatinating pectin in the Hungarian food industry. Konzerv paprika no.5%160-164 S-0%3.

1. Konzerv - es Paprikaipari Kutato Intezet.

TOROK, S.

HUNGARI/Nuclear Physics - Installations and Instruments. Methods of 3-2 Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10083

: Institute of Nuclear Research, Hungarian Academy of Sciences, : Bujdoso, E., Medveczky, L., Torok, S. Author

Inst

: Nomographs for Fast Neutron Spectroscopy

Orig Pub : Acta phys. Acad. sci. bung., 1957, 7, No 3, 373-377

Abstract: The measurement of the energy distribution of fast neutrons with the aid of photoemulsions represents a laborious problem. The difficulties increase particularly in the study of the spectrum of neutrons with a broad energy band. In processing the tracks, the authors propose to use two nomograms. The first nomogram gives the dependence of the proton energy and the angle between the direction of the proton and the plane of the plate on the depth of the track and the length of its projection on the plane of the plate. With the aid of a second nomogram, it is possible to determine the value of the angle

Ca: : 1/2 Card

TOROK, Tibor; PETHO, Attila

Spectrographic determination of the copper content of aluminum alloys between 0,1-1,0 per cent concentration limits. Magy kem folyoir 67 no.10:433-435 0 161.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Tanszeke, Budapest es Csepel Vas- es Femmuvek Anyagvizs-galo Osztalya, Budapest.

3/081/63/000/001/034/061 B144/B186

AUTHORS:

Zimmer, Karoly, Török, Tibor

TITLE:

Physical and chemical processes on the surface of elactrodes

in spark discharge

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 1, 1963, 123, abstract 1015 (Chem. analit. (Polska), v. 7, no. 1, 1962, 105-112

[Germ.; summary in Pol.])

TEXT: Review article devoted to the systematization of various processes occurring on the electrode surface in spark discharge during the spectrum analysis of alloys. [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

TOROK, Tibor, dr.

Aspects and possibilities of introducing spectrometers in Hungary. Koh lap 96 no.2:62-66 F 163.

1. Ectvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, Budapest, es Csepel Vas- es Femmuvek Kozponti Anyagvizsgalo Osztalya, Budapest.

TOROK, Tabor

Present state and perspectives of the application of self-operative optical and X-ray spectrum analyzing installations. Magy kem lap 16 no.12:569-574 D *61.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, es Csepel Vas- es Femmuvek Anyagyizsgalo Osztalya.

2/058/63/000/001/071/120 A160/A101

AUTHOR:

Torok, Tibor

TITLE

Present possibilities and unsolved problems of quantitative photographic measurements in an emission spectral analysis

PERIODICAL:

Referativnyy zhurnal, Fizika, no. 1, 1963, 89, abstract 1D638 ("Chem, analit." (Polska), no. 1, 1962, 7, 47 - 60, German;

summary in Polish)

TEXT: Discussed are the possibilities of improving the accuracy of photographically measuring the intensity of spectral lines by the use of known methods of transforming blackenings. To facilitate calculations, the use of various computers is proposed.

M. Britske

[Abstracter's note: Complete translation]

Card 1/1

ZIMMER, Karoly, dr. (Budapest XII Szendi u.14); TOROK, Tibor, dr. (Budapest XI, Zolyomi ut 41)

Data on the sparking-off effect. VII. Acta chimica Hung 24 no.1:1-17
(EEAI 10:4)

*60.

1. Institute of Inorganic and Analytical Chemistry, L.Eotvos University
Budapest and Department of Material Investigation, Csepel Iron and
Metal Works, Budapest.
(Electric spark)

(Electrodes)

(Aluminum)

(Magnesium)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

ZIMMER, Karoly, dr. (Budapest XII Szendi u.14); TOROK, Tibor, dr (Budapest XI Zolyomi ut. 41)

Data on the sparking-off effect. VIII. Acta chimica Hung 24 no.2: 111-123 60. (EEAI 10:4)

1. Institute of Inorganic and Analytical Chemistry, L. Ectvos University
Budapest and Department of Material Investigation, Csepel Iron and
Metal Works, Budapest.

(Electric spark) (Electrodes)

TOROK, Tibor, dr. (Budapest XI. Zolyomi ut 41)

A semiautomatic analogue-calculating machine equipped with a potentiometer, and its aplication for a complete evaluation in the emission spectrum analysis. Acta chimica Hung 24 no.2:143-156 '60. (EEAI 10:4)

1. Institute of Inorganic and Analytical Chemistry, L.Eotvos University Budapest, and Department for Investigation of Materials, Csepel Iron and Metal Works, Budapest.

(Electronic analogue computers)

(Potentiometer)

(Spectrum analysis)

ZIMMER, Karoly (Budapest); TOROK, Tibor, dr. (Budapest)

Data on the sparking-off effect. V. Acta chimica Hung 22 no.4:373(EZAI 10:2)
382 '60.

1. Institute of Inorganic and Analytical Chemistry, Lorand Ectvos
University, Budapest (for Zimmer). 2. Department for Material
University, Budapest (for Zimmer). Budapest (for Torok)
(Ejectric spark) (Electrodes) (Magnesium)
(Aluminum)

TOROK, T.

High-voltage spark exciter with mechanically controlled charging electric circuit. p. 99.

Magyer Tudomanyos Akademia. Muszaki Tudomanyok Usztalya. KOSLAENYH. Budapest, Hungary. Vol. 23, no. 1/2, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, July, 1959. Uncl.

CIA-RDP86-00513R001756320019-7 "APPROVED FOR RELEASE: 08/31/2001

HUNGARY/Optics - Instruments for Optical Analysis.

K

: Ref Zhur Fizika, No 2, 1960, 4714 Abs Jour

Torok, T., Barabas, J. Author

Inst

Spectroscope for Testing Materials Title

: Acta chim. Acad. scient. hung., 1959, 19, No 1, 51-55 Orig Pub

: Description of a binocular spectroscope for testing Abatract

materials, equipped with two prisms, and applicable also to the measurement of the intensity of spectral lines.

Card 1/1

- 117 -

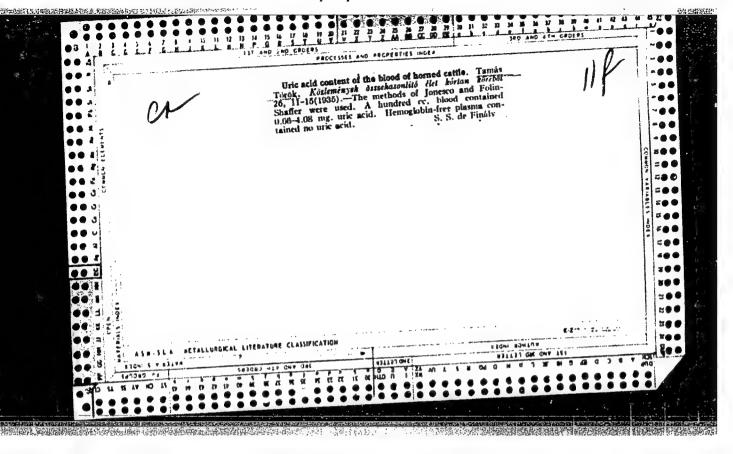
TOROK, T.; BARABAS, J.

Spectroscope for testing materials. p.51 .

ACTA CHIMICA. Budapest, Hungary. Vol. 19, no. 1, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

E-L COUNTRY : Germany : Analytical Chomistry. General CATEGORY : RZKhim., No. 19, 1959, No. 67614 ABS. JOUR. : Torok, T.; Petho, A. ROHTUA : On the Shift of Calibration Graphs on the TEMT. Throwing Cut of Focus of Littrow Spectrograph. TITLE ORIG. PUB. : 2. wiss. Fhotogr., 1959, 53, No 4-6, 110-115 : Study of the causes of shifting of calibration graphs, due to purely optical reasons, using as an example an al-alloy containing 0.23-0.76% Fe, 0.25-1% Si, and 0.01-0.0% Cu. a parallel shift of set graphs was ascertained, and when the apparatus is thrown out of focus the values of fixed points C_c (corresponding to $\Delta o = 0$) and C_n differ on the graph from the original values by 7×10^{-5} for Si and by 10-like for Fe and Cu. In the opinion of the authors such a shift is due to difference in shape of contour of the lines. In spectra photographed in a properly adjusted apparatus, the lines sciected for the study are those of equal blackening; in such a case $\Delta S = 0$. On recording with an CARD: 1/2



Automatic optical and roentgen spectral analytical devices; present state and perspectives of their application. Acta chimica Hung 33 in no.1:39-50 '62.

1. Institut fur Anorganische und Analytische Chemie der Lorand Eotvos Universitat, Budapest, und Abteilung fur Werkstoffprufung der Eisen- und Metallwerke Csepel, Budapest.

TOROK, Tibor; ZIMMER, Karoly; RETI, Sandor

A new blackening-transformation. Magy kem folyoir 68 no 3: 395-398 S '62.

1. ZEotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Tanszeke, Budapest.

CIA-RDP86-00513R001756320019-7" APPROVED FOR RELEASE: 08/31/2001

TÖRÖK, Tibor

Present time possibilities and unsolved problems of the quantitative photographic evaluation of emission spectral analysis. Chemia anal 7 no.1:47-60 '62.

1. Chair of Inorganic and Analytic Chemistry, L. Ectvos University, Budapest, Hungary and Laboratory of Material Research, Csepel Metallurgical Plants, Budapest, Hungary.

ZIMÆR, Karoly; TÜRÖK, Tibor

Physical and chemical processes occurring at the surface of electrodes of alloys during electric spark discharges. Chemia anal 7 no.1:105-112 '62.

1. Institute of Anorganic and Analytic Chemistry, L. Ectvos University, Budapest, Hungary.

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TOROK, Tibor; SZABO, Z.L.

Spectralanalytical research with screw electrodes from metallurgical aluminum. Chemia anal 7 no.1:195-200 162.

1. Institute of Inorganic and Analytical Chemistry, L. Ectvos University, Budapest.

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ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest)

Data on the sparking-off effect. VI. Kem tud kozl MTA 13 no.1:11-15 (EEAI 10:2)

1. Az Eotovos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, Budapest (for Zimmer). 2. Csepel Vas- es Femmuvek Anyagvizsgalo Osztalya, Budapest (for Torok). Az 1959. november 6-i osztalyulesen bemutatta Schulek Elmer r.tag.

(Electric *park) (Electrodes)

(Electric *park / (Elect (Magnesium) (Aluminum)

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ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest)

Investigation of sparking effects I-II. Kem.tud.kozl.MTA 12 no.3: (EEAI 9:4)

1. Az Rotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete (for Zimmer). 2. Csepel Vas- es Femmuvek Anyagviszagalo Osztaly (for Torok). (Spectrum analysis) (Magnesium) (Manganese)

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ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest)

Investigation of sparking effects. Kem.tud.kozl.MTA 12 no.4:405-430 59. (ERAI 9:4)

1. Az Rotvos Lorand Tudomanyegyetem Szervetlen es A-nalitikai Kemiai Intezete, Budapest (for Zimmer). 2. Gsepel Vas- es Femmuvek Anyag-viszgalo Osztalya, Budapest (for Torok).

(Magnesium) (Spectrum analysis) (Aluminum) (Iron)

(Silican) (Manganese)

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ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest)

Data on the sparking-off effect. Kem tud kozl MTA 13 no.3:269-284 '60.

(EEAI 9:11)

1. Az Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, Budapest (for Zimmer). 2. Csepel Vas- es Femmuvek Anyagvizsgalo Osztalya, Budapest (for Torok)

(Electric spark) (Aluminum)

ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest);

Dataon the sparking-off effect. VIII. Kem tud kozl MTA 13 no.4: 371-381 *60. (EEAI 9:12)

l. Az Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, Budapest (for Zimmer). 2. A Csepel Vas- es Femmuvek Anyagvizsgalo Osztalya, Budapest (for Torok). (Electric spark) (Alluminum) (Electrodes) (Diffusion)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

ZIMMER, Karoly, a kemiai tudomanyok kandidatusa (Budapest); TOROK, Tibor, a kemiai tudomanyok doktora (Budapest)

Data on the sparking-off effect. IX. Kem tud kozl MTA 14 no.1:1-9 *60. (EEAI 9:12)

1. Az Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete, Budapest (for Zimmer). 2. Csepel Vas-es femmuvek Anyagvizsgalo Osztalya, Budapest (for Torok) (Electric spark) (Electrodes) (Diffusion) (Aluminum)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"

ZIMMER, Karoly; TOROK, Tibor

Influence of the electric parameters of the discharge circle on the discharge and evaluating curve of magnesium. Magy kem folyoir 65 no. 12:478-481 159.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete es Csepel Vas-es Femmuvek Anyagvizsgalo Osztalya, Budapest.

__ TOROK, Tibor

"Spectrator", the semiautomatic complete evaluating device and its application in spectrum analysis. Magy kem folyoir 65 no. 12:482-486 159.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezete es Csepel Vas-es Femmuvek Anyagvizsgalo Osztalya, Budapest.

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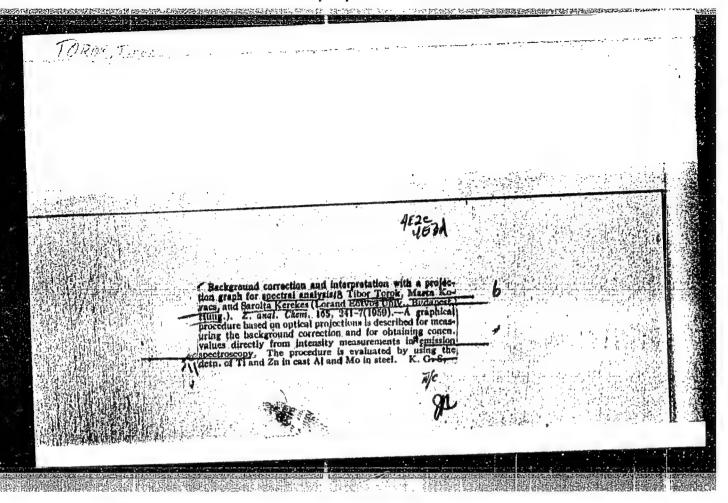
ZIMMER, Karoly (Budapest); TOROK, Tibor, dr (Budapest)

Dataon the sparking-off effect. III-IV. Acta chemica Hung 22 no.3: 255-273 '60. (EEAI 9:11)

1. Institute of Inorganic and Analytical Chemistry, Lorand Ectvos University, Budapest (for Zimmer). 2. Department for Material Investigation, Csepe Iron and Metal Works, Budapest (for Torok). Vorgelegt von E.Schulek.

(Floatric spark) (Argon) (Magnesium) (Air)

(Electric spark) (Argon) (Magnesium) (Air) (Zinc) (Iron) (Silicon) (Manganese)



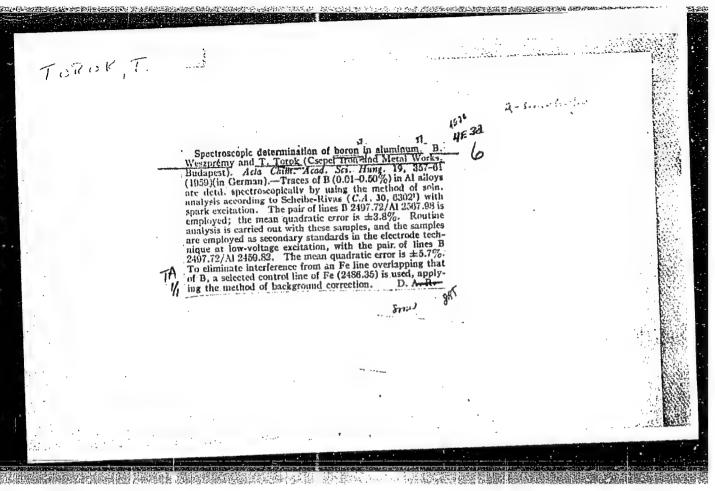
TOROK, T.

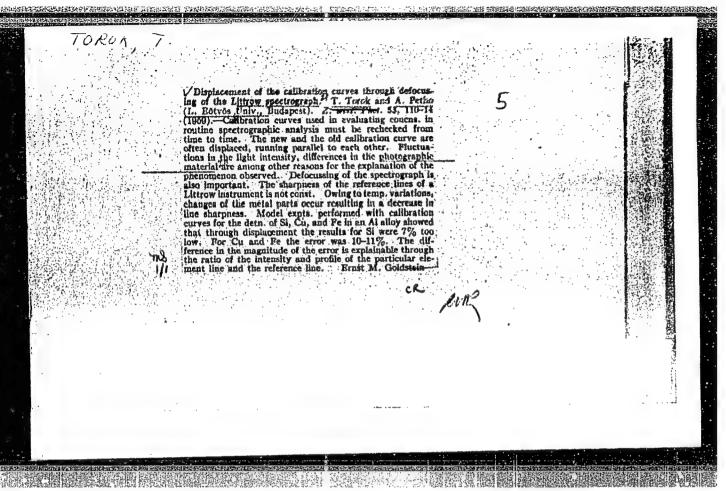
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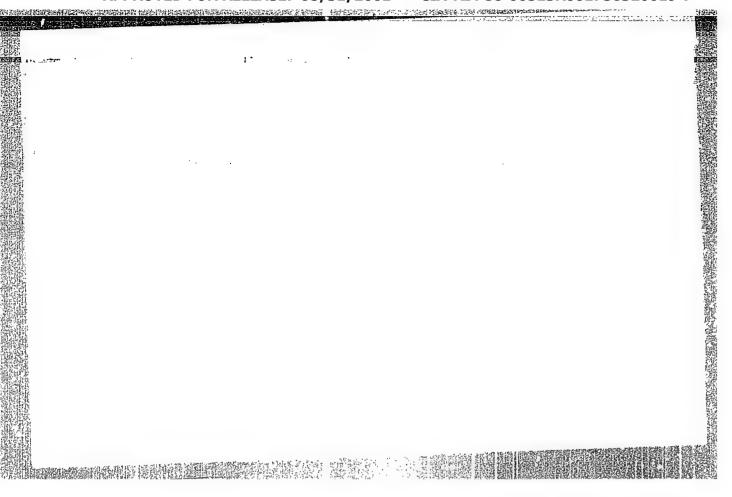
PERIODICALS: ACTA HOGINGICA. Vol. 6h, No. 7/8, July/Aug. 1958
MAGYAR KENIAI FOLYDIRAT, Vol. 6h, no. 7/8, July/Aug. 1958

Torok, T. A new Hengarian spectroscope for testing material. p. 236.

Monthly list of East European Accessions (FEAT) LC, Tol. 8, No. 2, February 1:59, Unclass.







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TORCK, T.

HUNGARY/Fitting Out of Laboratories. Instruments,

Their Theory, Construction and Use

: Referat Zhur - Khimiya, No 2, 1957, 4897 Abs Jour

Author

Torok, T.

Inst

: Hungarian Academy of Sciences

Title

: Darkening Converter for Spectral Analysis

Orig Pub

: Acta chim. Acad. sci. hung., 1956, 8, No 4, 373-382

Abstract

Conversion in accordance with Seidel formula involves considerable expenditure of time. The author proposes a conversion device, that can be readily made, for rapid conversion of darkening values. The advantage of this instrument is its low error which amounts to only ± 0.001 of the darkening value. The device comprises four scales: darkening values scale -- S, optical density -- D, conversion scale P and a scale K, upon which, by parallel shifting of P and S, is plotted the

value of > (conversion coefficient). Scale P

Card 1/2

- 4 -

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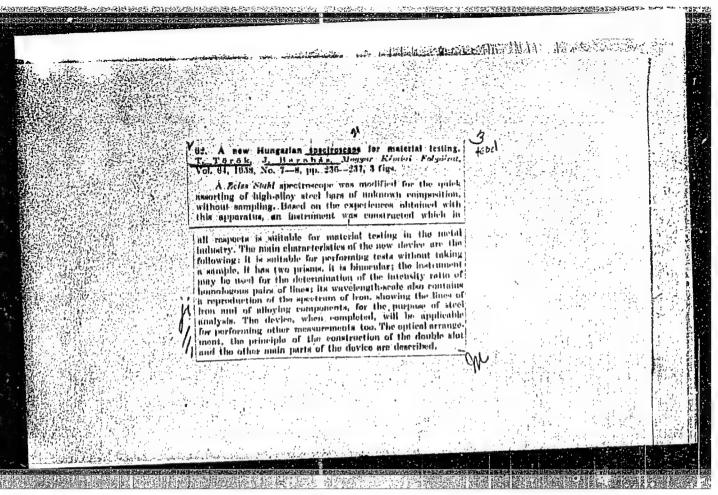
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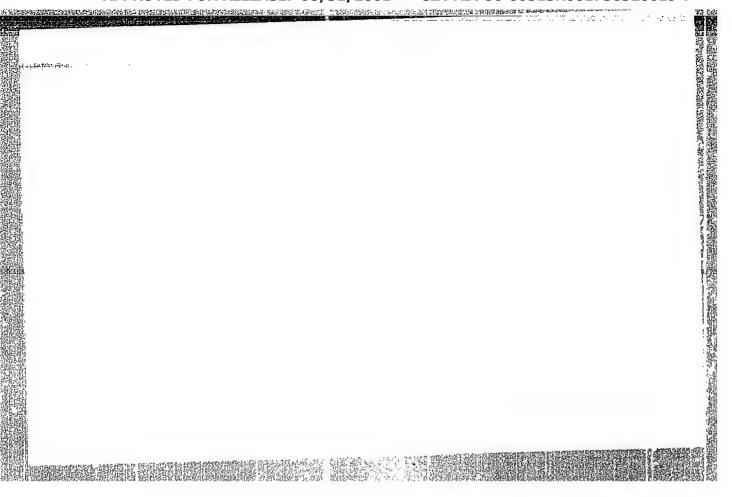
: Referat Zhur - Khimiya, No 2, 1957, 4897

consists of two halves that can be shifted in relation to each other. By using a projection straightedge, one end of which is fastened at the zero point of rotation, it is possible to determine directly the value of P from the known values of S and ${\it TC}$. The device can also be used for a rapid and direct determination of P, lg I, lg I₁/I₂ on the basis of S values, even in the case when the lines are in different regions of the spectrum. On provision of the instrument with a lg C scale a direct determination of the concentration is possible.

Card 2/2

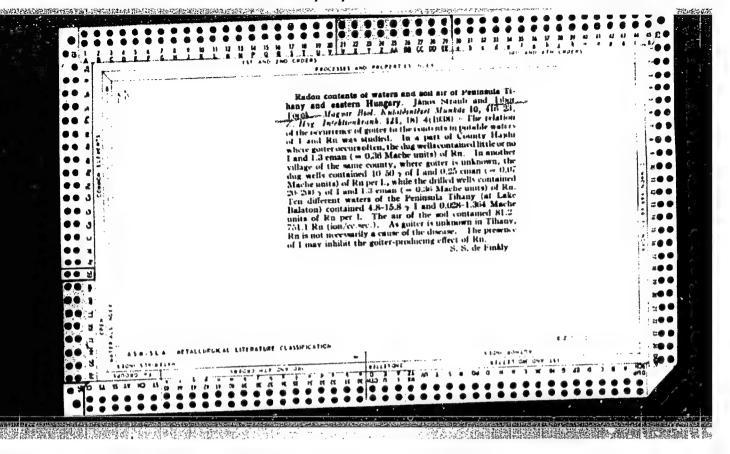
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CIA-RDP86-00513R001756320019-7



15(1), 18(7) AUTHORS:

Torok Tibor, Earth's Jews

sov/32-25-3-45/62

TITLE:

A Spectroscope for Sorting Steel (Spektroskop dlya rassorti-

rovki stali)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 364-365 (USSR)

ABSTRACT:

A series of Soviet publications with respect to the use of styloscopes for production checks (Ref 1) is given as an editor's note to the article. A new spectral apparatus was developed which makes possible the quick sorting of high quality steel bars and also allows to carry out analyses without the necessity of using specially prepared samples. A spectral system with two prisms is used, and in this way a better dispersion and sharper separation are achieved. Provision is made for an adaptation by which it can be used for flame-photometric and spectrophotometric measurements. The data of the optical system (Fig 1) are as follows: focal distance of the collimator 270 mm, light intensity - 1:8, focal distance of the objective of the inspection tube 450 mm,

light intensity - 1:10, focal distance of eyepiece lenses 16 mm, length of the visible spectrum from 4000 to 7500 Å =71 mm.

Card 1/2

The collimator and inspection tube are parallel so that the

A Spectroscope for Sorting Steel

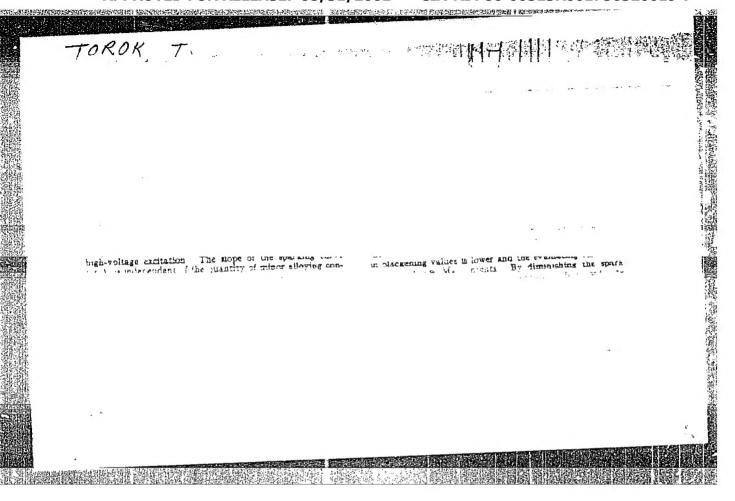
SOV/32-25-3-45/62

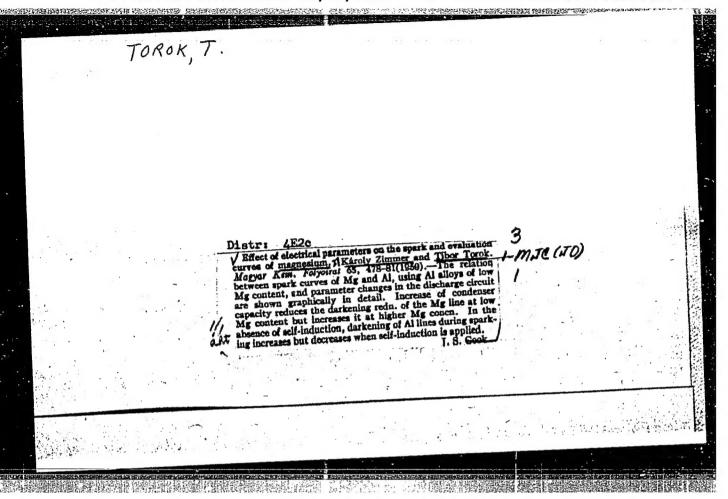
length of the spectroscope is reduced to half of its normal length. An illustration of the apparatus (Fig 2) with a description is also given. There are 2 figures and 1 Soviet reference.

ASSOCIATION: Universitet im, Loranta Etvesha i kombinat "Chepel", Budapesht (Lorant Estvar University and the Combine "Csepel", Budapest)

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756320019-7"





JUKOK. T.

HUNGARY/Optics - Instruments of Optical Analysis

K-9

Abs Jour: Ref Zhur - Fizika, No 3, 1958, No 7259

Author : Torok,

Inst : L. Fotvos University and Csepel Iron and Metal Works, Budapest .

Hungary

Title : Apparatus for Performing Calculations in Spectral Analysis

Orig Pub: Acta chim. Acad. sci. hung., 1957, 10, No 4, 357-367

Abstract : Description of apparatus for finding the concentrations of

the analyzed elements from data of photometric determination of spectra during the performance of the analysis by the three-line variant of the method (Scheibe G., Schnetter O. Naturwiss, 1930, 18, 753; 1930, 19, 134) using the P-transformation of the characteristic curve of the photographic emulsion. The apparatus consists of a nomegraph, a computation board with

two rules, and a projection rule.

Card : 1/1